



Spring Bicycle and Pedestrian Advisory Committee Meeting

April 27th, 2016

John Bolecek

Statewide Bicycle and Pedestrian Planner



Virginia Statewide Bicycle and Pedestrian Advisory Committee
Spring meeting
24th Floor Conference Room
600 E. Main St Richmond, Virginia 23219
April 27th, 2016
10:00 am – 2:30 pm

1. Welcome and introductions John Bolecek 10:00 am to 10:15 am
2. Bicycle signage update Marc Lipschultz 10:15 am to 11:00 am
 - o Share the Road, Route, and BMUFL signs
 - o Crosswalk guidance
3. Safety update Mark Cole 11:00 am to 11:30 am
 - o Rumble strip update
4. Research update and discussion Peter Ohlms 11:30 am to 12:00 pm
 - o TPRAC balloting update
 - o Upcoming research program
 - o Bicycle and pedestrian statewide count program research project

Break to pick up lunch - bring back for working lunch Break 12:00 pm Resume 12:30 pm

5. NPS National Capital Area Paved Trail Plan Tammy Stidham 12:30 pm to 1:00 pm
6. Updates on Committee's top technical concerns: Various 1:00 pm to 1:30 pm
 - o Creating and improving long distance routes
 - i. Update on State Trails Advisory Committee meeting
 - ii. Statewide Trail Signage update
 - o Maintenance payments / funding loss from road diets
 - o Sweeping bike lanes / snow clearing
 - o Urban standards / urban retrofits / DRPT Multimodal Design Guidelines and NACTO
 - o Update on Review of 2004 CTB Policy
7. Virginia Bicycling Federation update Champe Burnley and Bud Vye 1:30 pm to 1:45 pm
 - o Legislative update
 - o Other announcements
8. VDOT Bicycle and Pedestrian Program update John Bolecek 1:45 pm to 2:15 pm
 - o Overview of projects
9. Closing John Bolecek 2:15 pm to 2:30 pm
 - o Summary of follow-up items from this meeting
 - o Discussion of future agenda Items

1. Welcome and Introductions

Introductions

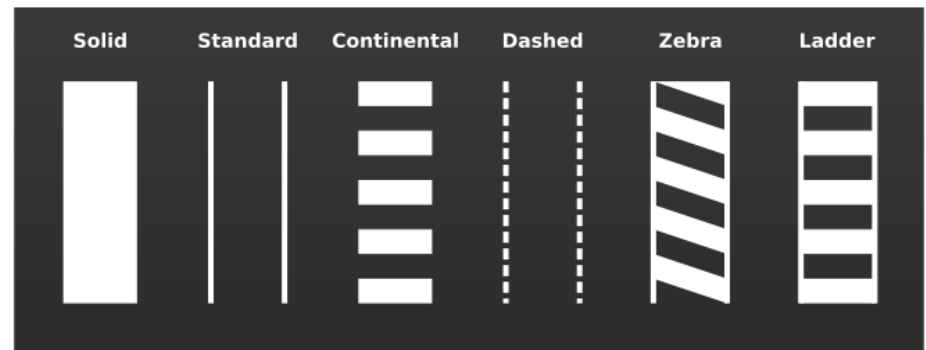
- Name
- Location
- Representation



2. Bicycle Signage and Traffic Engineering Update

Marc Lipschultz 10:15 to 11:00am

Figure 9B-2. Regulatory Signs and Plaques for Bicycle Facilities



3. Various VDOT Safety Initiatives

Mark Cole 11:00 to 11:30am



4. Research Update

Peter Ohlms 11:30 am to 12:00 pm



5. NPS National Capital Area Paved Trail Plan

Tammy Stidham 12:30pm to 1:00pm

Paved Trail Plan

National Capital Regional Office » Paved Trail Plan
» Document List



The NPS is a leader in connecting people to the great outdoors and to our national heritage. Within the National Capital Region, the NPS paved trail network spans more than 95 miles and links together some of our nation's most significant cultural heritage, natural resources, and outdoor recreational assets. In addition to the five NPS park units, the NPS paved trail network travels through two states, the District of Columbia, five counties, and the City of Alexandria - making it one of the most complex trail networks in the nation.

The challenges of providing a high quality trail experience are complex and diverse. Trails on NPS land often traverse cultural landscapes, scenic viewsheds, or along historic roads, and trail improvement or enhancement projects must be designed to minimize impacts on park resources and values. This study is based on a comprehensive examination of NPS regional trail network conditions and a literature review of NPS and other federal regulations and policies that guide trail planning. Stakeholder outreach and an assessment of local government trail plans and priorities informed the study, including the identification of major trail gaps and areas for potential partnership and collaboration.

The purpose of this study is to assess current trail and trail system conditions, and recommend steps the NPS and/or other agencies can take to improve existing trails and to create an integrated, inter-jurisdictional network of urban trails for recreation, multi-modal transportation and education.

Contact Information

Tammy Stidham
Chief of Planning
202-619-7474

6. Committee's Top Technical concerns

1. **Creating and improving long distance routes**
 - Update on State Trails Advisory Committee
 - DCR Signage Plan for state trails
 - Website to report missing signs here: <https://my.vdot.virginia.gov/>
 - USBR 176 Application submitted (next slide)
2. **Maintenance Payments / funding loss from road diets**
 - Bill failed
3. **Sweeping Bike Lanes / snow clearing**
4. **Urban Standards / Urban Retrofits / DRPT Multimodal Design Guidelines and NACTO**
 - NACTO Global Street Design Guide released
 - NACTO Transit Guide released
5. **Limited Access Policy**
 - Report finalized
6. **Update on Review of 2004 CTB Policy**

New U.S. Bicycle Route 176

Existing Routes shown in Blue

- Existing U.S. Bicycle Route 76 is 4 miles longer to Ashland
- Higher volume roadways
- Mostly primary roadways

U.S. Bicycle Route 1

New Route in Red

- 15.7 miles of the 17 mile route is open the Virginia Capital Trail (see photo)
- Passes by more services of interest to bicyclists i.e. bicycle shops, lodging etc.

U.S. Bicycle Route 76

Proposed U.S. Bicycle Route 176



Existing U.S. Bicycle Route 1 shown in Blue

- Connects USBR 1 at Franklin/Main St and 2nd St
- Riders continue to Ashland on USBR 1

New Route in Red and Green

- **Westbound** route shown in red
- **Eastbound** shown in green (due to one way streets)
- 4 miles shorter route to Ashland
- Replaces 15.7 on-road miles onto the Virginia Capital Trail
- Lower volume roads along USBR 1
- Access to bike shops, lodging

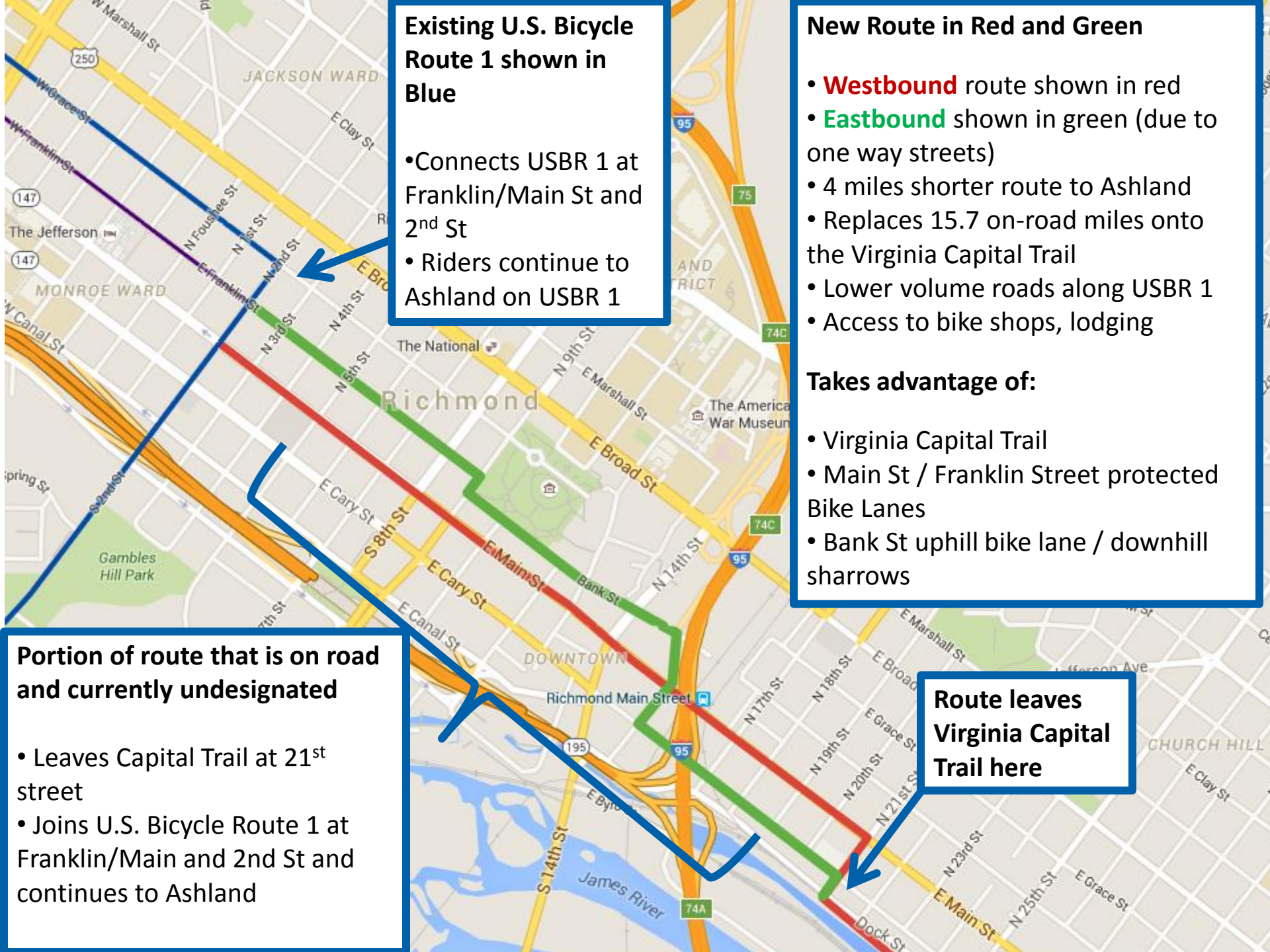
Takes advantage of:

- Virginia Capital Trail
- Main St / Franklin Street protected Bike Lanes
- Bank St uphill bike lane / downhill sharrows

Portion of route that is on road and currently undesignated

- Leaves Capital Trail at 21st street
- Joins U.S. Bicycle Route 1 at Franklin/Main and 2nd St and continues to Ashland

Route leaves Virginia Capital Trail here



Update on Compliance Review of 2004 CTB Policy

Draft findings:

- Projects are complying with the CTB Policy
- VDOT to update forms to capture documentation on all projects
- VDOT to create an bike lane, shared use path, and sidewalk data collection method after project close out
- VDOT to develop metrics to track progress
- Response not finalized

Virginia Department of Transportation
Policy for Integrating Bicycle and Pedestrian Accommodations

1. Introduction

Bicycling and walking are fundamental travel modes and integral components of an efficient transportation network. Appropriate bicycle and pedestrian accommodations provide the public, including the disabled community, with access to the transportation network; connectivity with other modes of transportation; and independent mobility regardless of age, physical constraints, or income. Effective bicycle and pedestrian accommodations enhance the quality of life and health, strengthen communities, increase safety for all highway users, reduce congestion, and can benefit the environment. Bicycling and walking are successfully accommodated when travel by these modes is efficient, safe, and comfortable for the public. A strategic approach will consistently incorporate the consideration and provision of bicycling and walking accommodations into the decision-making process for Virginia's transportation network.

2. Purpose

This policy provides the framework through which the Virginia Department of Transportation will accommodate bicyclists and pedestrians, including pedestrians with disabilities, along with motorized transportation modes in the planning, funding, design, construction, operation, and maintenance of Virginia's transportation network to achieve a safe, effective, and balanced multimodal transportation system.

For the purposes of this policy, an accommodation is defined as any facility, design feature, operational change, or maintenance activity that improves the environment in which bicyclists and pedestrians travel. Examples of such accommodations include the provision of bike lanes, sidewalks, and signs; the installation of curb extensions for traffic calming; and the addition of paved shoulders.

3. Project Development

The Virginia Department of Transportation (VDOT) will initiate all highway construction projects with the presumption that the projects shall accommodate bicycling and walking. Factors that support the need to provide bicycle and pedestrian accommodations include, but are not limited to, the following:

- project is identified in an adopted transportation or related plan
- project accommodates existing and future bicycle and pedestrian use
- project improves or maintains safety for all users
- project provides a connection to public transportation services and facilities
- project serves areas or population groups with limited transportation options
- project provides a connection to bicycling and walking trip generators such as employment, education, retail, recreation, and residential centers and public facilities
- project is identified in a Safe Routes to School program or provides a connection to a school

7. Legislative Update

Champe Burnley and Bud Vye 1:30 pm to 1:45 pm



VBF Photos of Amtrak

Vermonter Bike Rack Pilot Program

https://www.dropbox.com/s/yn5d3vpuqi124kw/VermonterAmfleetBikeRack1_Amtrak.jpg?dl=0

<https://www.dropbox.com/s/zw4amytxe8mgu3f/Vermonter%20AmfleetBikeRack2.jpg?dl=0>

4. VDOT Bicycle and Pedestrian Program Update

Projects Underway

- **Business Plan Items**
 - Will repeat in FY17
 - Committee will comment directly to project managers
- **Count Program**
 - 7 counters along Capital Trail
 - VCU MURP project assisting with starting a count program
- **HB2**
 - Metrics looking at accessibility
- **2004 CTB Compliance**
 - Audit response not finalized

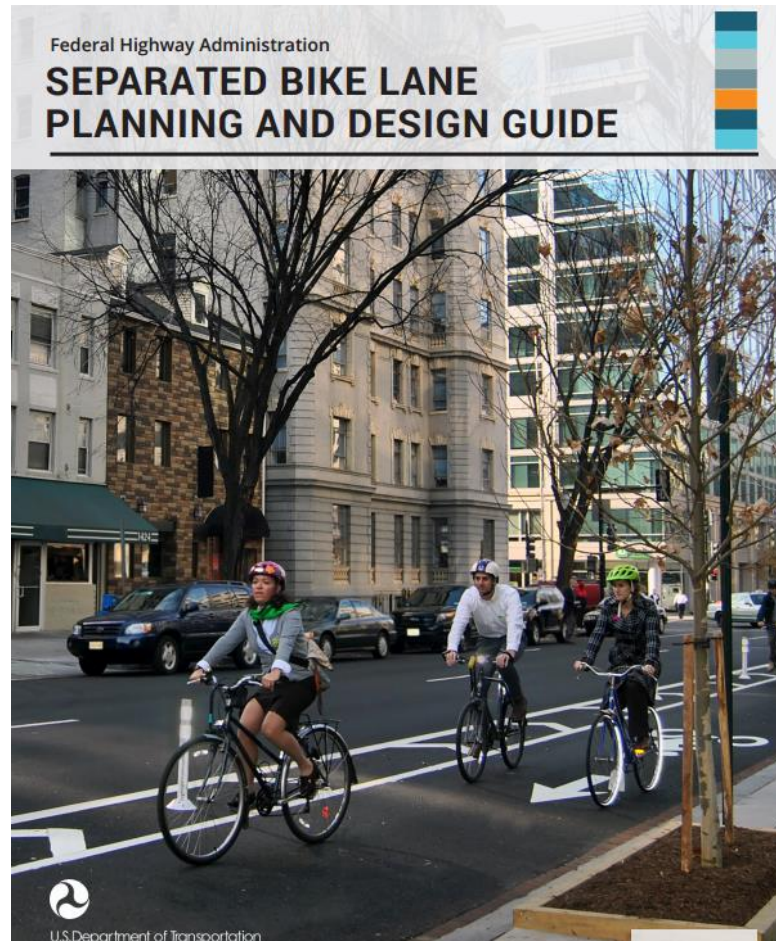
6. Design Resources

George Rogerson – Location and Design

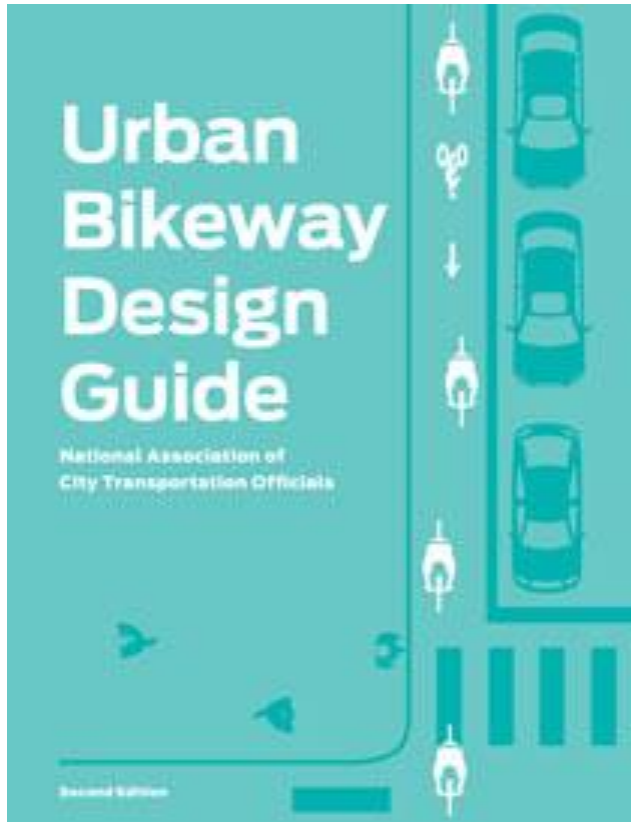
FHWA Incorporating On-Road Bicycle Networks into Resurfacing Projects



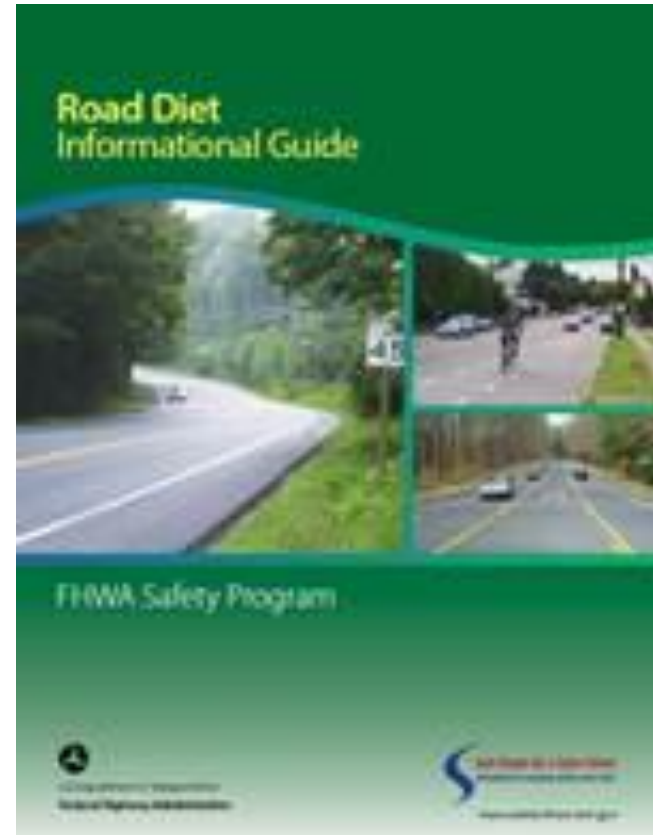
FHWA Separated Bike Lane Planning and Design Guide



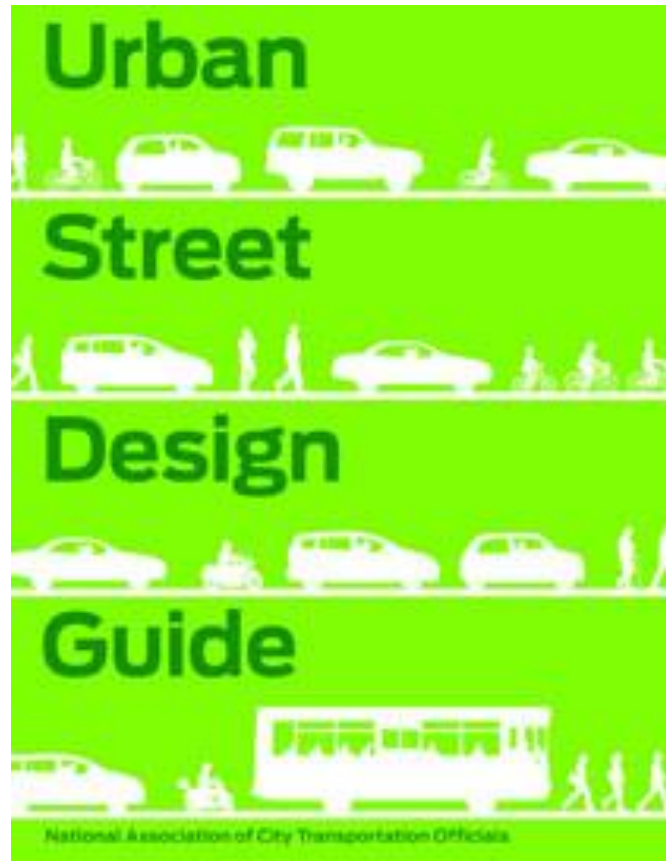
NACTO Urban Bikeway Design Guide



FHWA Road Diet Informational Guide

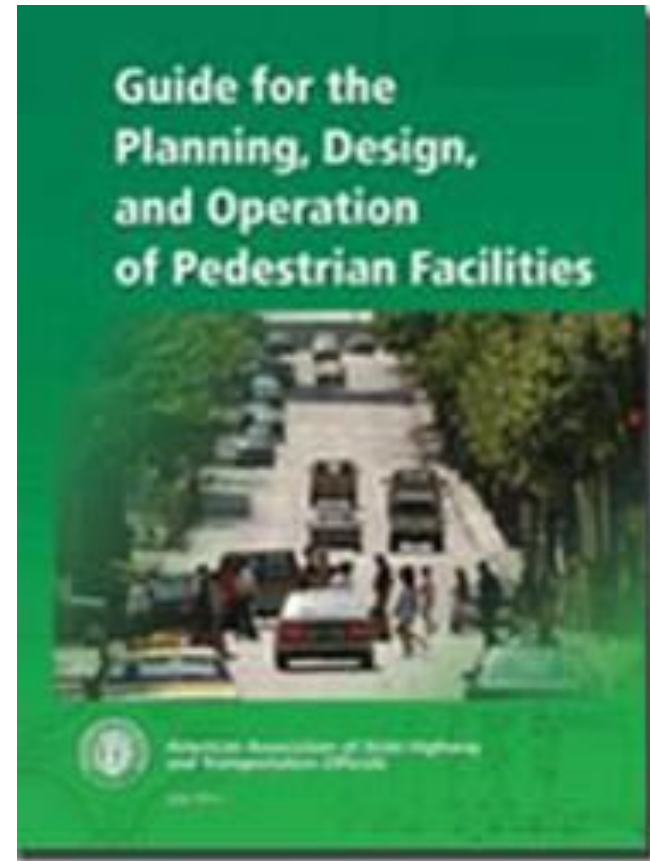


NACTO Urban Street Design Guide

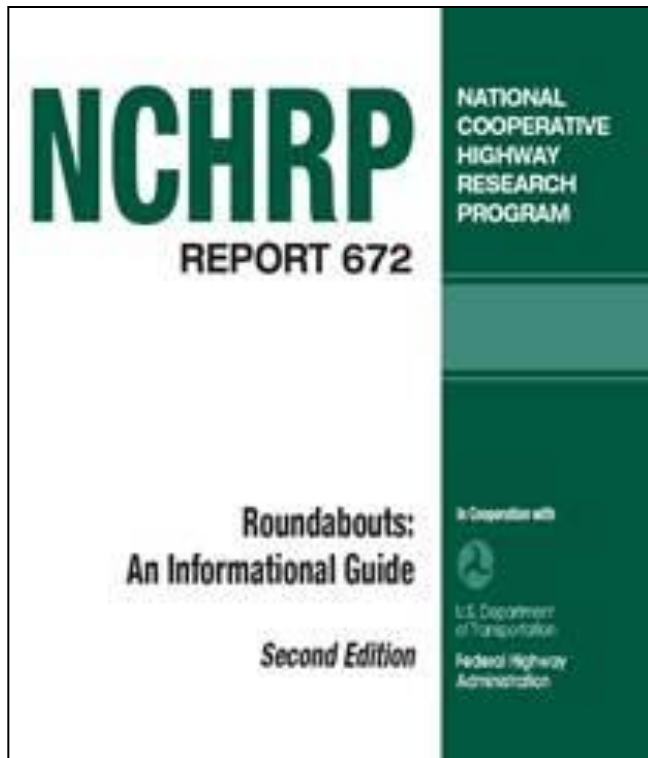


AASHTO Pedestrian Guide

Only available from AASHTO
Book Store

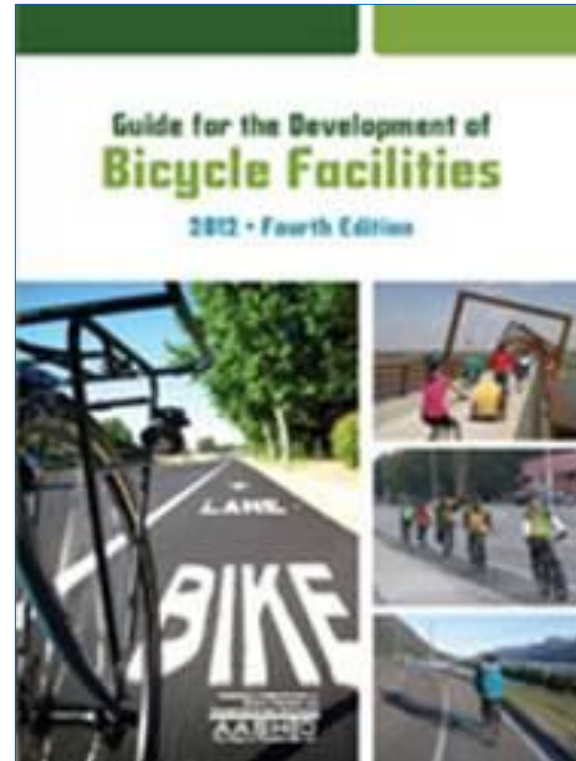


NCHRP Report 672 – Roundabouts: An Informational Guide

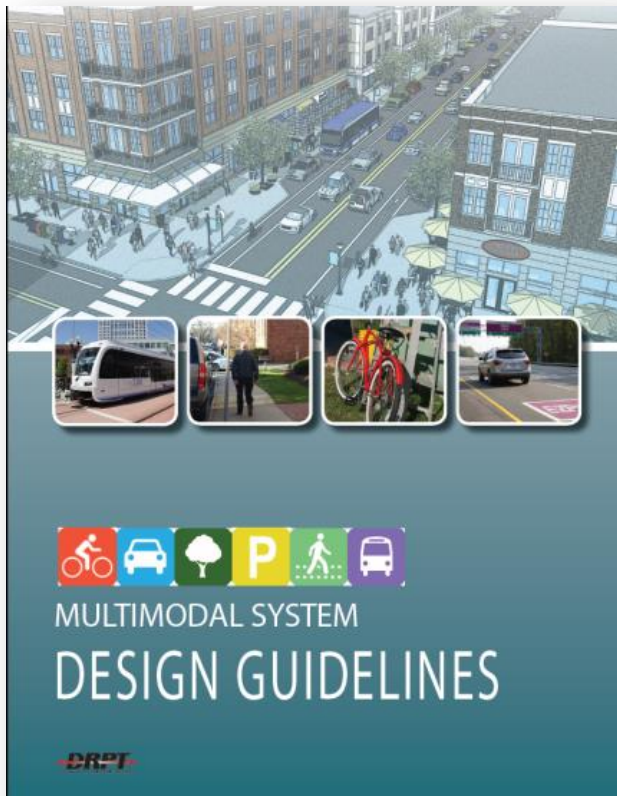


AASHTO Bicycle Design Guide

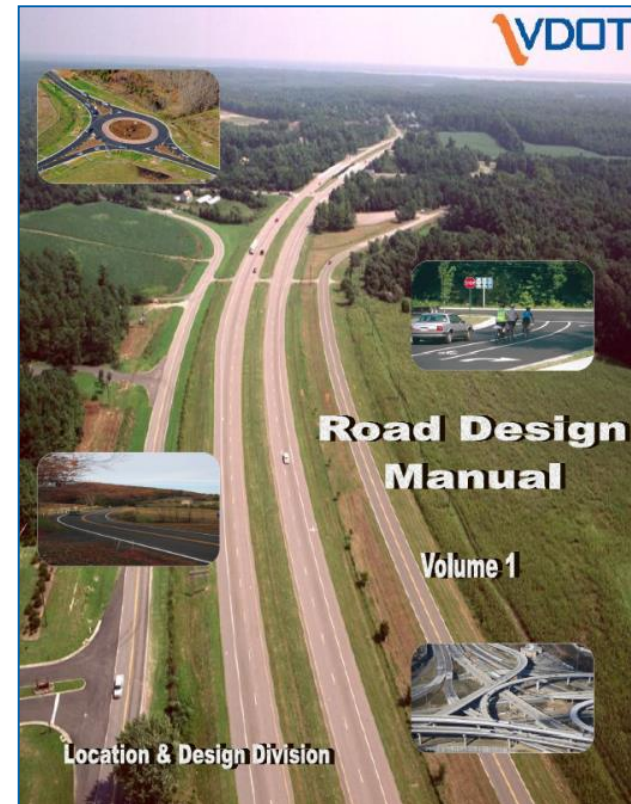
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Multimodal System Design Guidelines



VDOT Road Design Manual





From 09/10/2015

To 10/25/2035

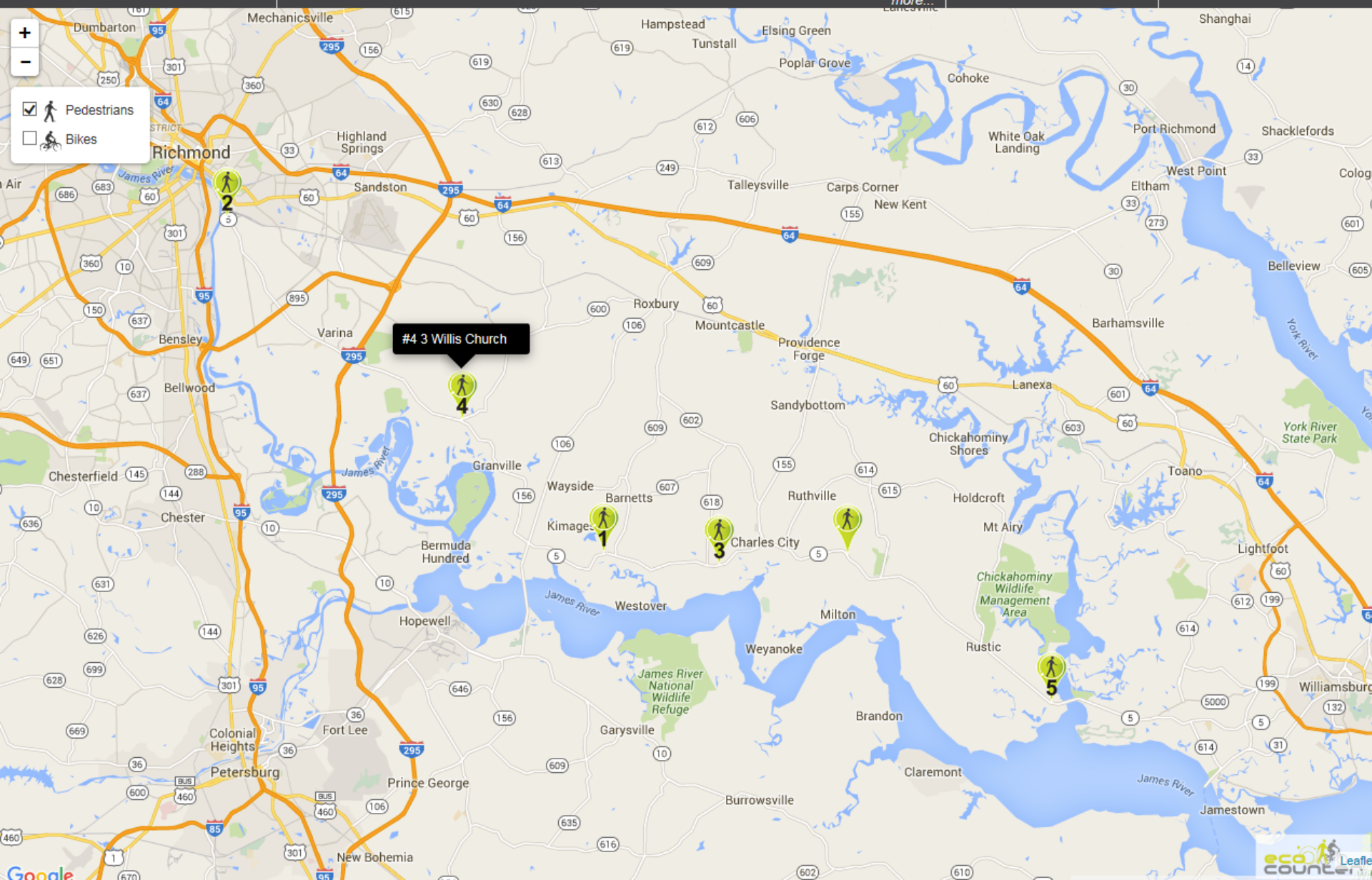
1. 4 Herring Creek	<div><div></div></div>	29,615
2. 1 Almond Creek	<div><div></div></div>	18,702
3. 5 Adkins Road	<div><div></div></div>	1,967

Total counts:

55,258

Daily Average:

45



4. VDOT Bicycling and Walking Website Resources



Traffic Information

511 offers real-time traffic info. Anytime you need it, anywhere you are.



Virginia Roads

Your one-stop source for VDOT maps, data and project info.



Popular Links

- [Business Center](#)
- [Warren County – Route 624 \(Morgan Ford Road\) bridge replacement](#)
- [High Occupancy Vehicle \(HOV\) Systems](#)
- [Current Opportunities](#)
- [High Occupancy Vehicle \(HOV\) Lanes - Rules and FAQs](#)
- [Consider a Career at VDOT](#)
- [Manuals Guides and Informational Instructions](#)

Bicycling and Walking in Virginia



Statewide Bicycle and Pedestrian Program

[Home](#) • [Maps](#) • [Laws & Safety](#) • [U.S. Bike Routes](#)
[Places to Bike](#) • [Projects and Studies](#) • [Resources](#)
[Advisory Committee](#) • [Contacts](#) • [2004 Policy](#)

[Safe Routes To School >](#)

The State Bicycle and Pedestrian Program promotes bicycling and walking throughout Virginia. These web pages provide information about the program and bicycle and pedestrian projects conducted by the Virginia Department of Transportation (VDOT), as well as the [Policy for Integrating Bicycle and Pedestrian Accommodations](#).

State Bicycle and Pedestrian Program

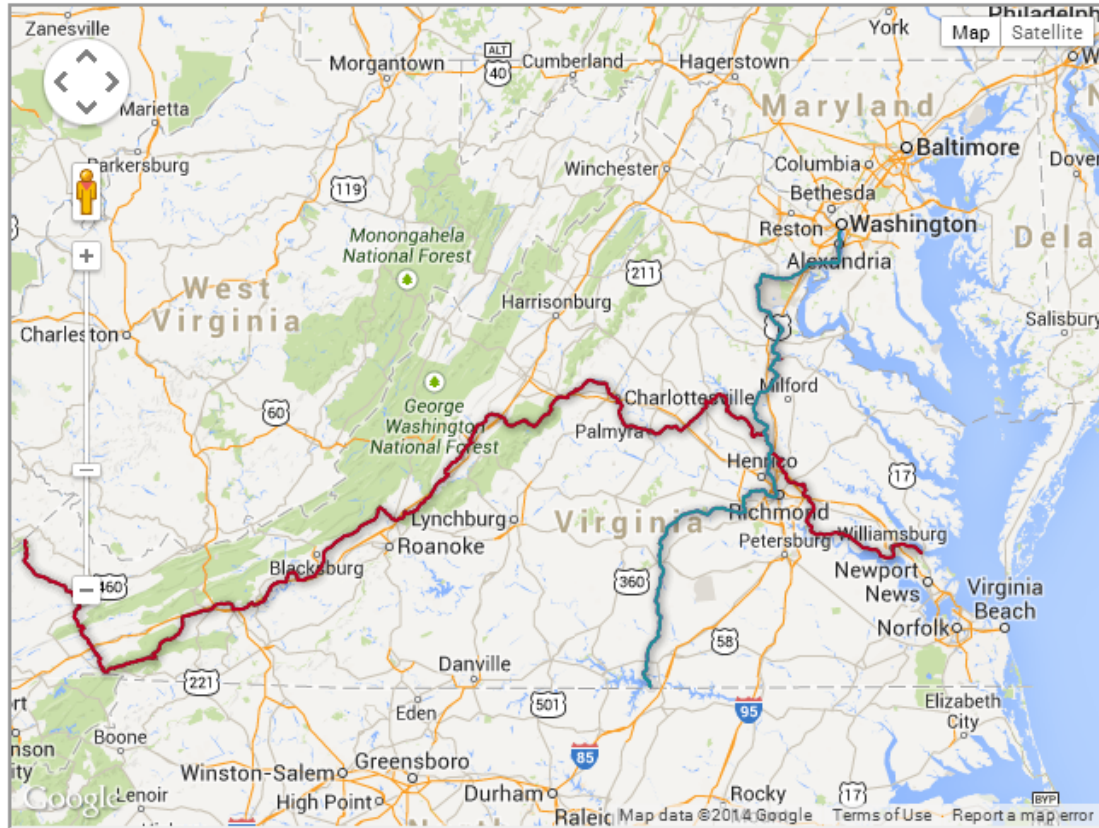
VDOT's State Bicycle and Pedestrian Program was established in the late 1970s and began to provide planning assistance to state and local transportation planners.

The Bicycle and Pedestrian Program plays a leadership role in advancing bicycle and pedestrian accommodations as routine practices. It seeks to maximize the utility and safety of non-motorized modes for both transportation and recreation.

The program is led by the state Bicycle and Pedestrian Planner who is part of VDOT's Transportation and Mobility Planning Division. The state Bicycle and Pedestrian Planner oversees and coordinates intradepartmental efforts to



U.S. Bicycle Route Maps



Virginia is a key destination for bicycle touring. U.S. Bike Route 76, also known as the Transamerica Route, traverses the state west to east, while US Bike Route 1 runs north-south. Combined they make up over 838 miles in Virginia.

[A History of U.S. Bicycle Route One](#) (PDF, 73 KB)

http://www.virginiadot.org/programs/united_states_bicycle_route_1_and_76_in_virginia.asp

Funding

FHWA Funding Chart

- http://www.fhwa.dot.gov/environment/bicycle_pedestrian/funding/funding_opportunities.cfm

HB2

- Independent bicycle and pedestrian projects scored well last round
- Many highway projects included a bike/ped element
- Key dates:

April - May — SYIP Spring Public Meetings

[Link to the current schedule](#)

July 1 — Pre-application coordination period begins

August 1 — Open period for applications begins

September 30 — Last day to submit project applications

- More information at: <http://www.virginiahb2.org/>

Other Resources on Website

Bike/Ped Library:

- http://www.virginiadot.org/programs/bicycling_and_walking/bicycle_and_pedestrian_library.asp

2004 Policy Documents:

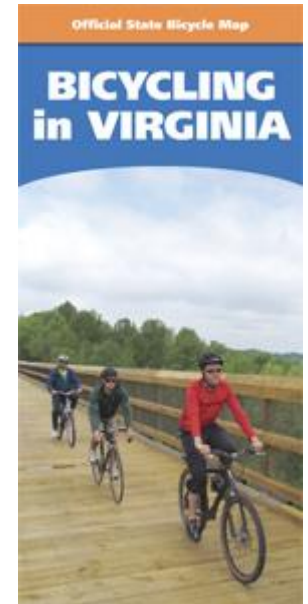
- <http://www.virginiadot.org/programs/bk-documents.asp>

Maps Available:

- <http://www.virginiadot.org/bikemap/default.asp>

Bicycle Access and Prohibition on Limited Access Roadways:

- [Non-Interstate - Facilities Not Designated Limited Access and Not Prohibited to Bicycles](#)
- [Non-Interstate - Facilities Designated Limited Access and Prohibited to Bicycles](#)
- [Non-Interstate - Facilities Designated Limited Access and Not Prohibited to Bicycles](#)



Bicycle and pedestrian training

UVA TTA Training

- Road Diet Workshop
05/03/2016 | Charlottesville, VA
- Road Diet Workshop
05/05/2016 | Virginia Beach, VA
- Bicyclists and Pedestrians: Effectively Meeting the Needs of Non Motorized Transportation
05/13/2016 | Suffolk, VA

Archived Webinars:

<http://www.pedbikeinfo.org/training/webinars.cfm>

9. Wrap Up & Next BPAC Meeting

Follow-up Items

- Follow-up items are due to
John Bolecek
john.bolecek@vdot.virginia.gov



Bicycle and Pedestrian Advisory Committee

Thank you

John Bolecek

**Statewide Bicycle and Pedestrian Planner
Virginia Department of Transportation**

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